

The diagram illustrates a network system 100. It features a central cloud component labeled 140. Three devices are connected to this cloud via lightning bolt symbols, representing network connections. Device 110 is on the left, device 120 is on the right, and device 130 is at the top. Each device is depicted with a monitor and a base unit. An arrow points from the label 100 to the overall system.

A diagram illustrating a network system. Three computer systems are shown: 110 on the left, 120 on the right, and 130 in the center. Computer 110 is a desktop system with a monitor and keyboard. Computer 120 is a laptop. Computer 130 is a desktop system with a monitor and a tower unit. Bidirectional arrows connect computer 110 to computer 130, and computer 130 to computer 120, indicating network connectivity between them.

The diagram illustrates a network system 200. It consists of four computer nodes: 110 (top left), 120 (bottom right), 130 (bottom center), and 210 (top center). Each node is represented by a desktop computer icon. The nodes are interconnected by bidirectional arrows: a diagonal arrow between 110 and 210, a horizontal arrow between 110 and 130, a horizontal arrow between 120 and 130, and a vertical arrow between 130 and 210. A curved arrow points from the label 200 to the central area of the network.

Fig. 2A

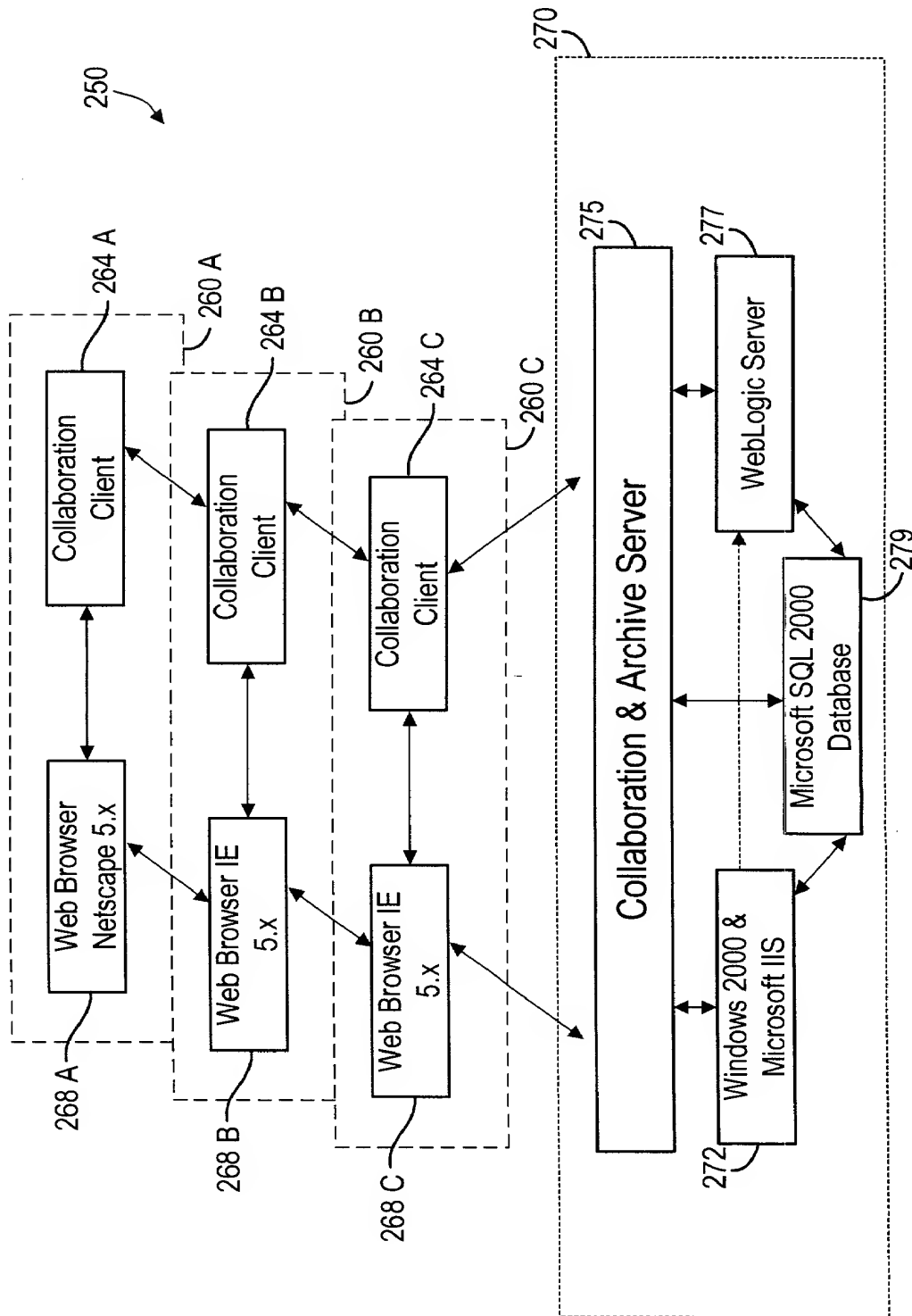


Fig. 2B

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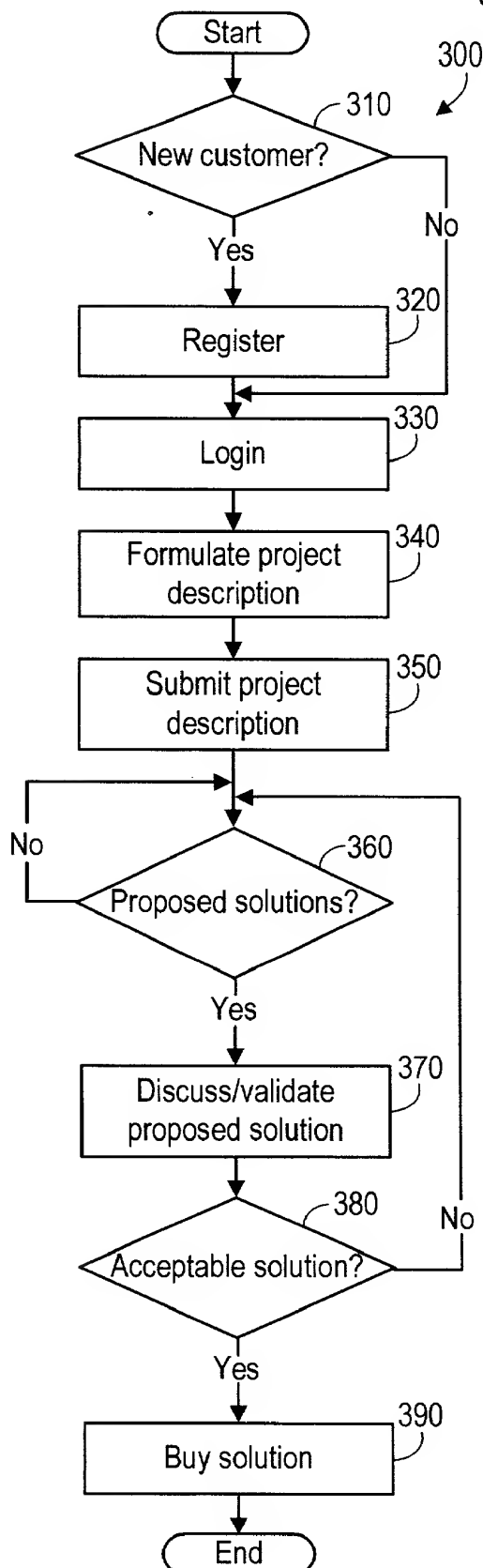


Fig. 3A

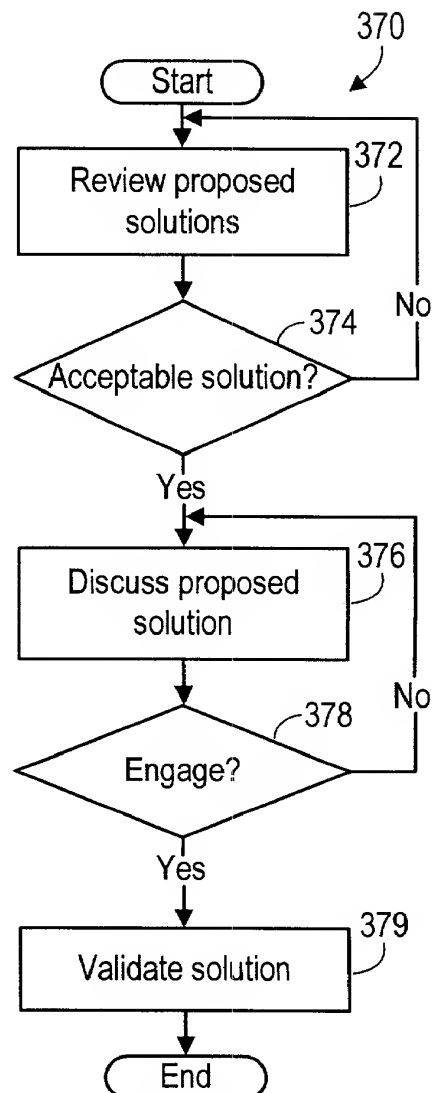


Fig. 3B

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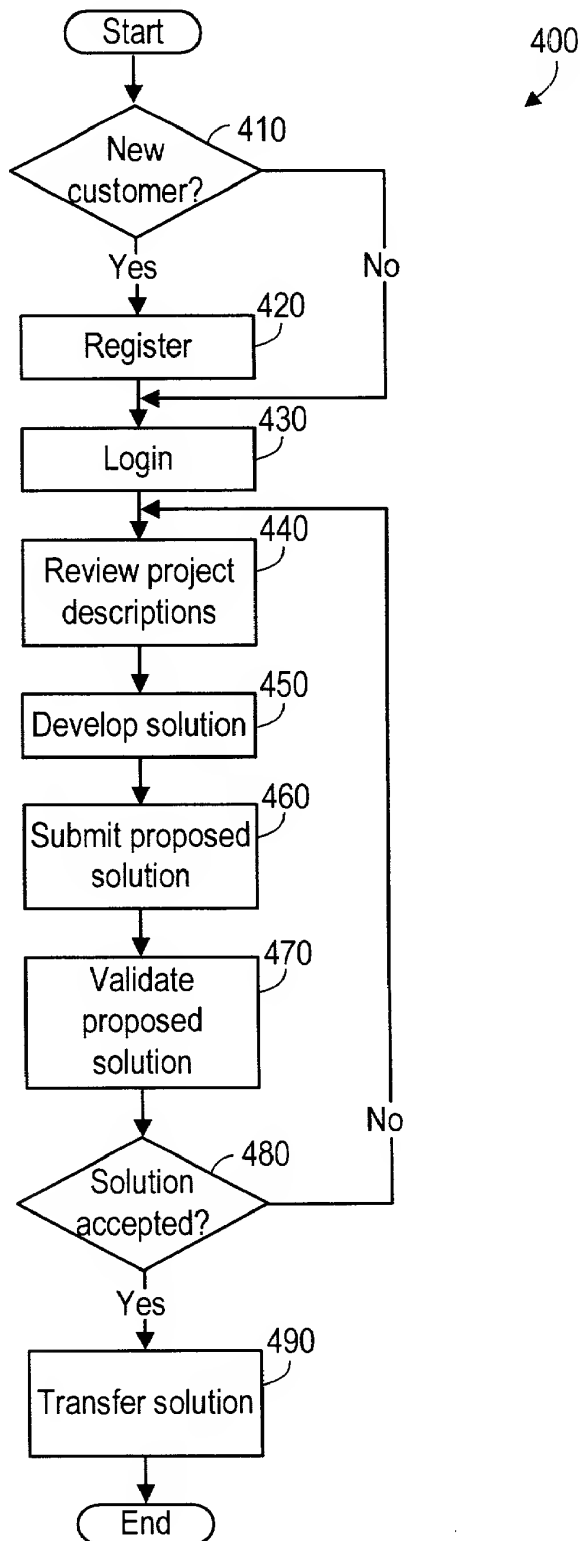


Fig. 4A

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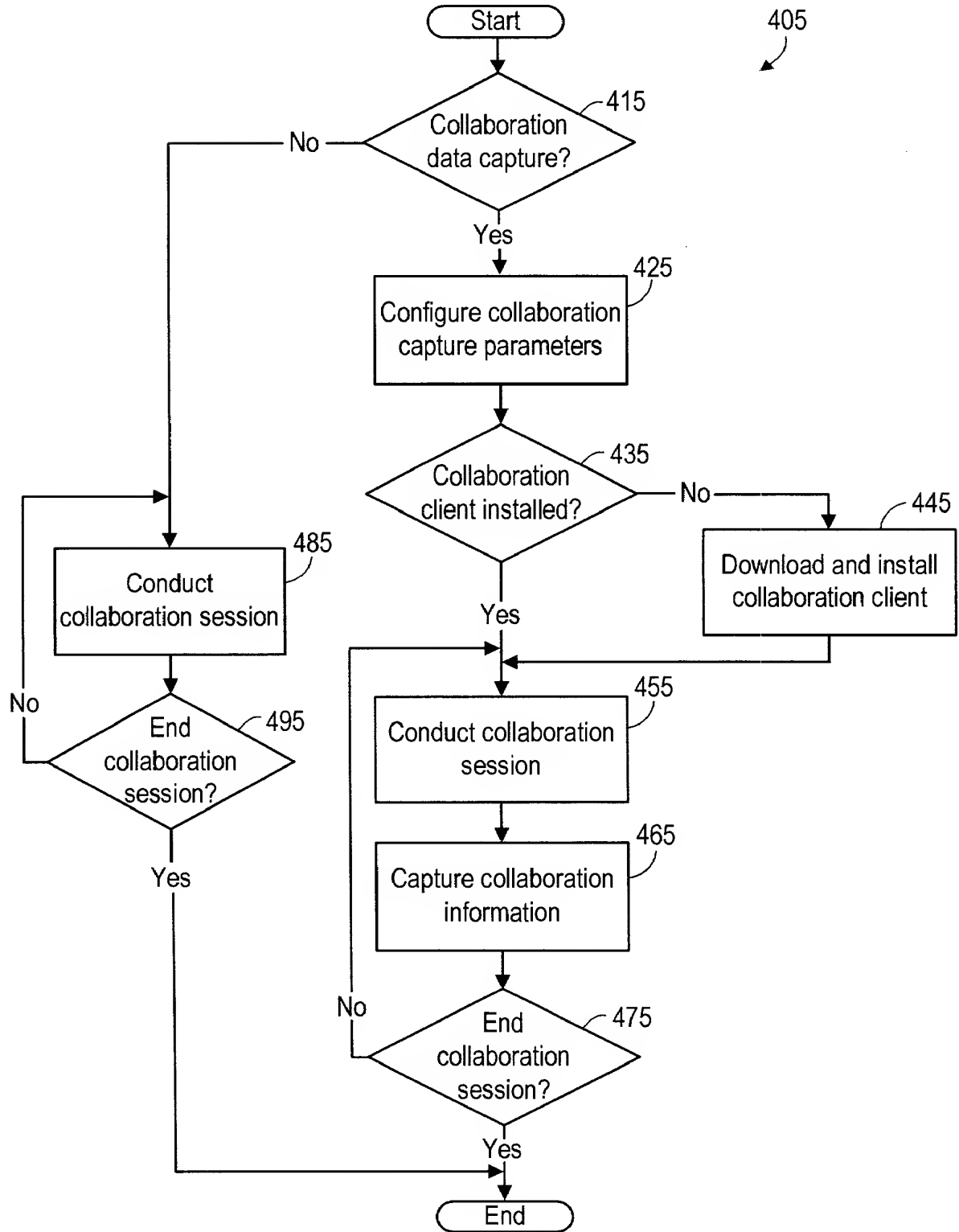


Fig. 4B

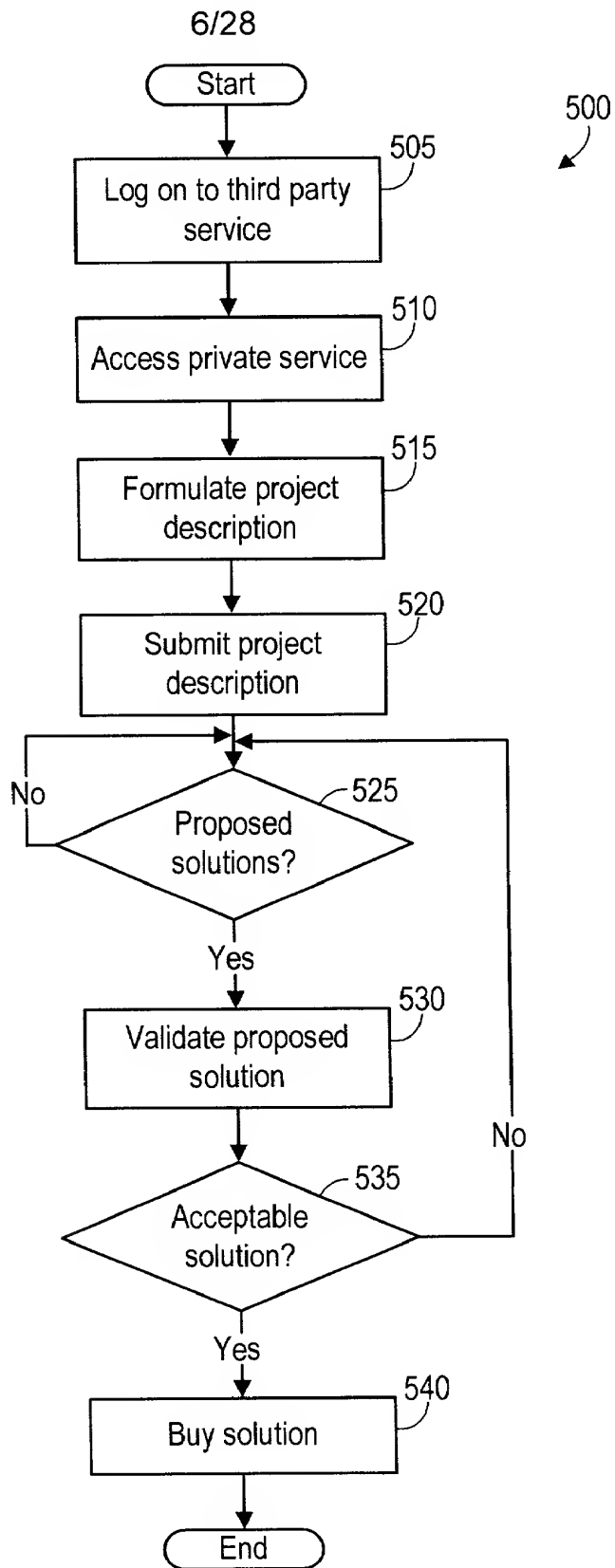


Fig. 5A

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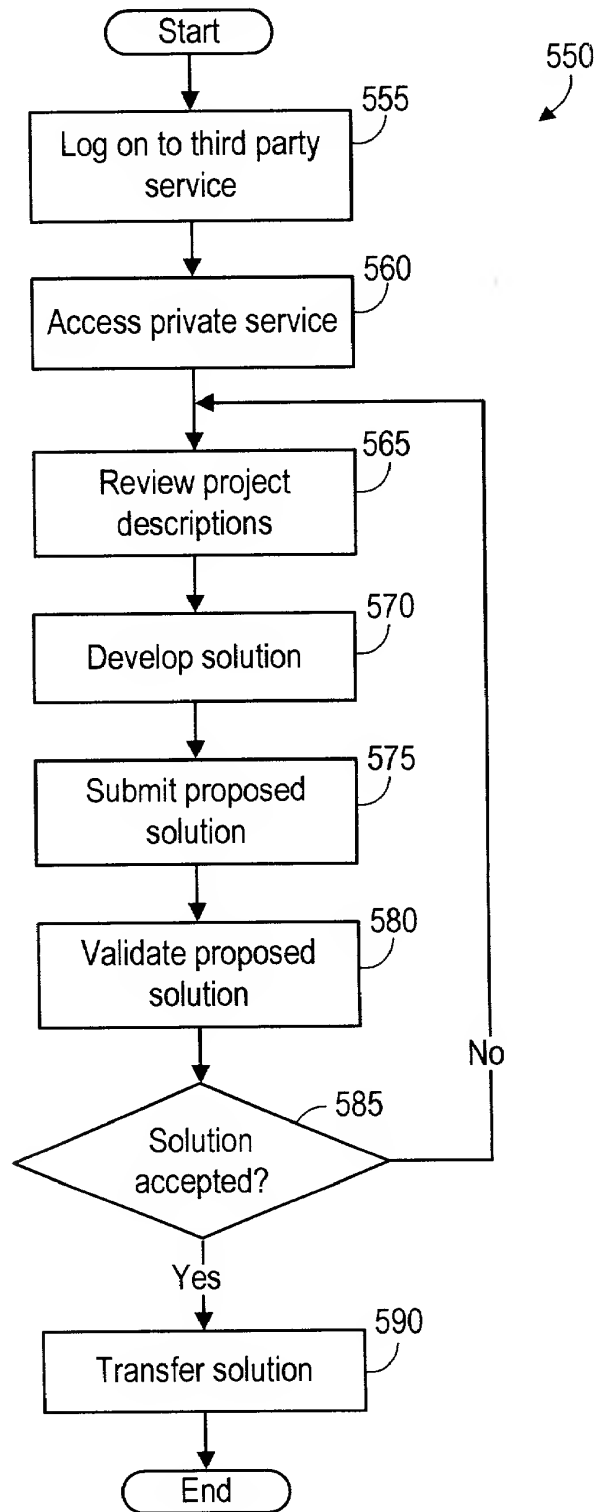


Fig. 5B

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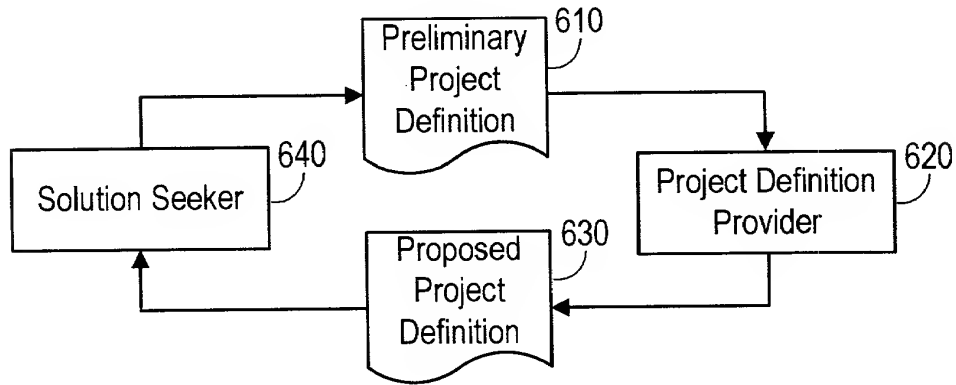


Fig. 6A

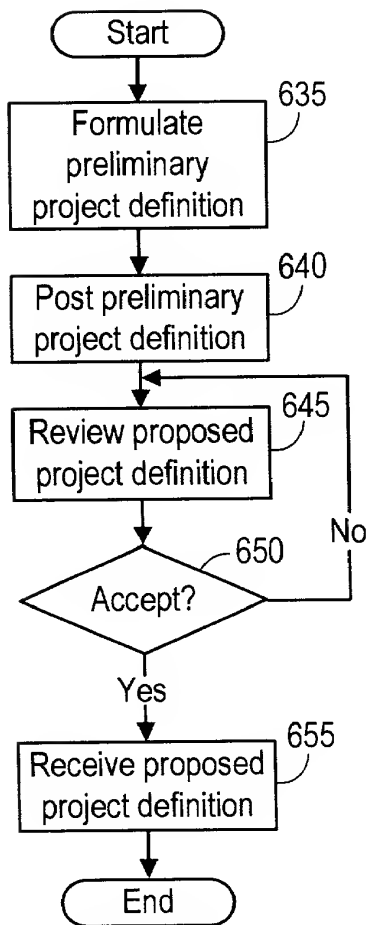


Fig. 6B

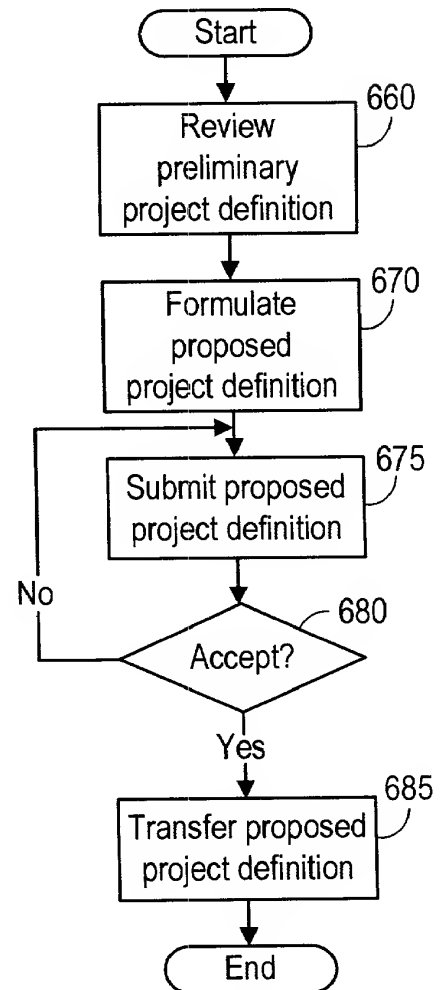


Fig. 6C



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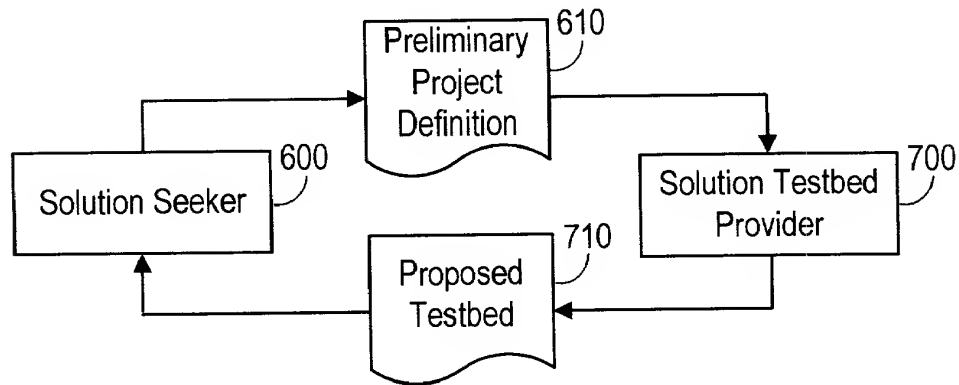


Fig. 7A

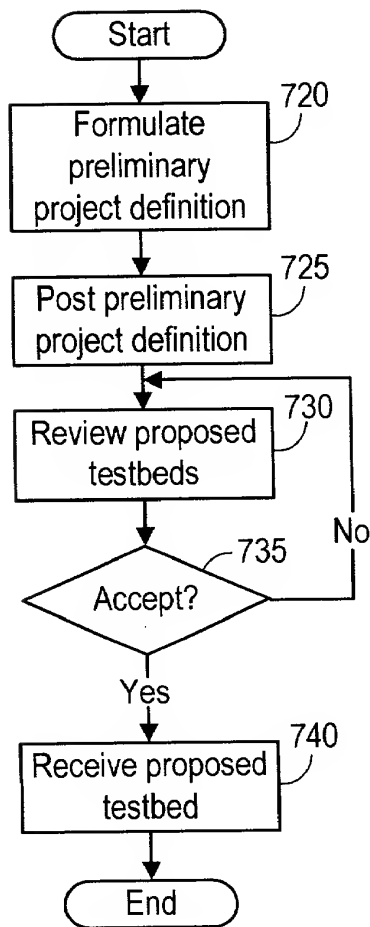


Fig. 7B

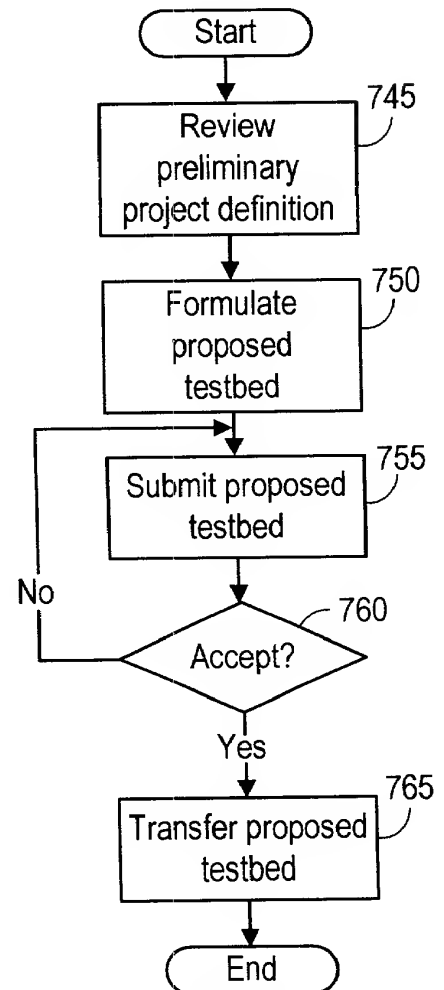


Fig. 7C

0964230-0040

"CAPTURING INTELLECTUAL CAPITAL VIA DIGITAL COLLABORATION"

Inventors: Bharat Sastri, Charles Kuta, Joseph Tung

Application #: 09/964,230

10/28

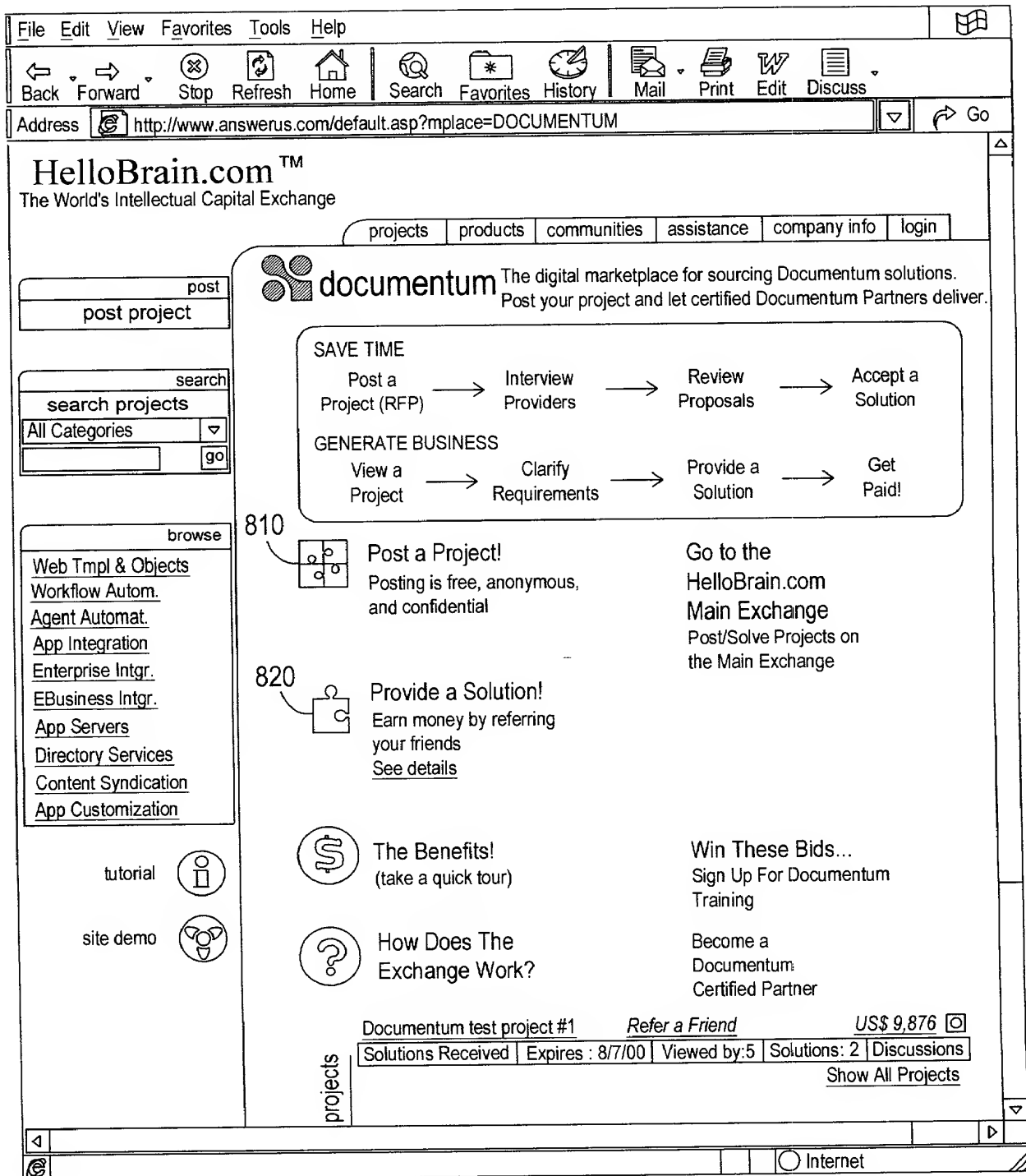


Fig. 8

"CAPTURING INTELLECTUAL CAPITAL VIA DIGITAL COLLABORATION"

Inventors: Bharat Sastri, Charles Kuta, Joseph Tung

Application #: 09/964,230

11/28

Project Specification - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss

Address <https://demo.hellobrain.com/prob/projectspecify.asp> Go

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my brain products communities assistance company info log out

request a solution

project title

project rules

Project Type

Ownership ☒ Client ☐ Contributor

Acceptance Criteria

Solution Viewing Rules

Contributor Support ☒ Required ☐ Not Required

Expiration Date  mm/dd/yyyy

Solution Award (US\$)

help

tips

Describe your project using this form. You can always make changes later.  
In the title, mention the key technologies the project involves.  
Keep the project descriptions concise.  
Use attachments to add detailed schematics and requirements.  
If you are unsure of the contract amount, specify a reasonable sum, and negotiate the value in a private discussion room.

Abstract

Description

Internet

Fig. 9A

"CAPTURING INTELLECTUAL CAPITAL VIA DIGITAL COLLABORATION"

Inventors: Bharat Sastri, Charles Kuta, Joseph Tung


Application #: 09/964,230

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Project Specification - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address  https://demo.hellobrain.com/prob/projectspecify.asp Go

Description 930

Attachments

project classification

Categories  950

Keywords    
(comma separated)

contacts e-mail

Billing  960

Technical

970  980  990


 Internet

Fig. 9B

"CAPTURING INTELLECTUAL CAPITAL VIA DIGITAL COLLABORATION"

Inventors: Bharat Sastri, Charles Kuta, Joseph Tung

Application #: 09/964,230

13/28

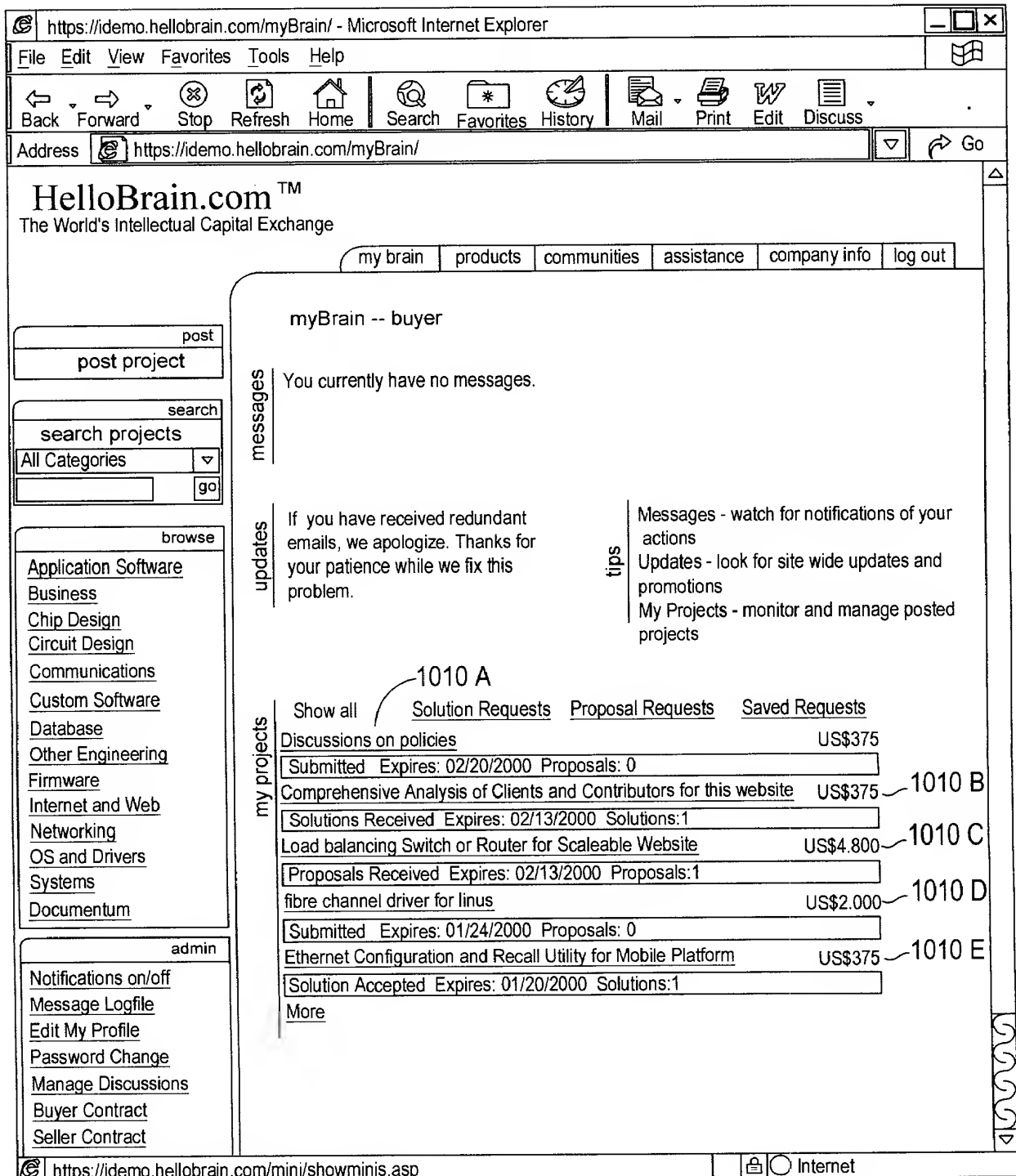


Fig. 10

1000

"CAPTURING INTELLECTUAL CAPITAL VIA DIGITAL COLLABORATION"

Inventors: Bharat Sastri, Charles Kuta, Joseph Tung

Application #: 09/964,230

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Project Details - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address <https://idemo.hellobrain.com/prob/showdetails.asp?pid-69297469439951269000> Go

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**project details** 1110

Discussions View Proposals Credentials Refer a Friend

**Title:** Load Balancing Switch or Router for Scaleable WebSite

**Summary:** Need ultra reliable solution with low overhead code on linux platform that checks webfarm machines running ASP using Session objects to route browser traffic to webserver with lowest load. The solution should also work with AOL traffic.

**Keywords:** F5. load- balancing switch. NT. router. Windows

**Categories:** Networking > Routers  
Networking > Switches  
Networking > Administration

|                                 |   |
|---------------------------------|---|
| <b>Project Type</b>             | Proposal  |
| <b>Estimated Contract Value</b> | US\$ 4,000  |
| <b>Submitted Date</b>           | Wednesday, December 15, 1999  |
| <b>Expiration Date</b>          | <input type="text" value="2/13/2000"/> mm/dd/yyyy                                     |
| <b>Status</b>                   | Proposals Received  |
| <b>Billing Contact</b>          | <input type="text" value="joe@hellobrain.com"/>                                       |
| <b>Technical Contact</b>        | <input type="text" value="joe@hellobrain.com"/> <input type="button" value="update"/> |

Proposals Received: 1      Page Hits: 184  
Proposals Accepted: 0

**Project Description**

ASP sessions need to be maintained. The switch will find new web servers that are installed dynamically and circumvent servers that are down or not responding. It will maintain sessions going to the same server or you should explain how a webserver would redirect the request to the appropriate server. The best proposal will include suggestions on saving shelf space and maximizing throughput.

post project

search projects

All Categories

browse

Application Software  
Business  
Chip Design  
Circuit Design  
Communications  
Custom Software  
Database  
Other Engineering  
Firmware  
Internet and Web  
Networking  
OS and Drivers  
Systems  
Documentum

admin

Notifications on/off  
Message Logfile  
Edit My Profile  
Password Change  
Manage Discussions  
Buyer Contract  
Seller Contract

Done Internet

1100

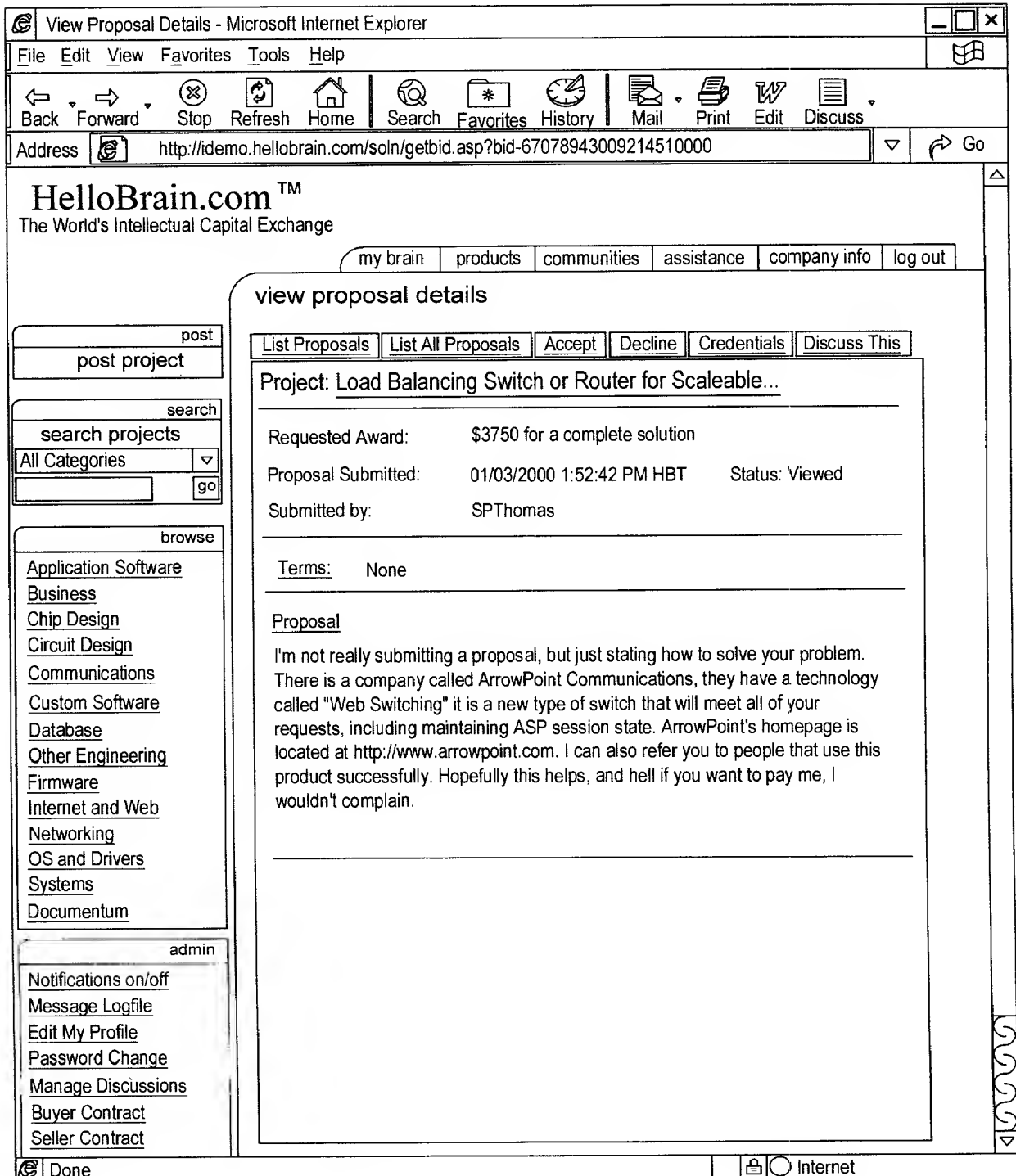
Fig. 11A

"CAPTURING INTELLECTUAL CAPITAL VIA DIGITAL COLLABORATION"

Inventors: Bharat Sastri, Charles Kuta, Joseph Tung

Application #: 09/964,230

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1150

Fig. 11B

"CAPTURING INTELLECTUAL CAPITAL VIA DIGITAL COLLABORATION"

Inventors: Bharat Sastri, Charles Kuta, Joseph Tung

Application #: 09/964,230

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HelloBrain Collaboration Center - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss

Address <https://demo.hellobrain.com/collab/magframes.asp?dgid-41230953005126948000> Go

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Project: Load Balancing  
Switch of...  
Conference: arrowpoint  
Administrator: jst62

Conference: arrowpoint >>Select Activity<< View All Messages

| Subject  | Submitter | Date                  |
|--|-----------|-----------------------|
| <input type="checkbox"/> haven't heard from you in a while                       | ist62     | 01/21/2000 2:30:26 PM |
| <input type="checkbox"/> hourly rate   | ist62     | 01/07/2000 2:16:38PM  |
| <input checked="" type="checkbox"/> re: comparison against FS and other switches | SPTThomas | 01/03/2000 5:11:13PM  |
| <input type="checkbox"/> comparison against FS and other switches                | ist62     | 01/03/2000 4:56:46PM  |

►Send "Message Waiting"  
►Member Management  
►Message Management  
Moderators  
Members  
Conferences

Author: SP Thomas Date: 01/03/2000 5:11:13 PM  
Subject: re: comparison against F5 and other switches

Reply

Sounds good, I'll put together some documentation regarding the advantages of this product, and the others. What sort of hourly rate are we talking about?

home | projects | products | communities | company info | site map

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Version 2.3.0

Exchange

javascript.ShowSelMsg[17918163009788141000. n.'0'] Internet

Fig. 12

1200



"CAPTURING INTELLECTUAL CAPITAL VIA DIGITAL COLLABORATION"

Inventors: Bharat Sastri, Charles Kuta, Joseph Tung

Application #: 09/964,230

17/28

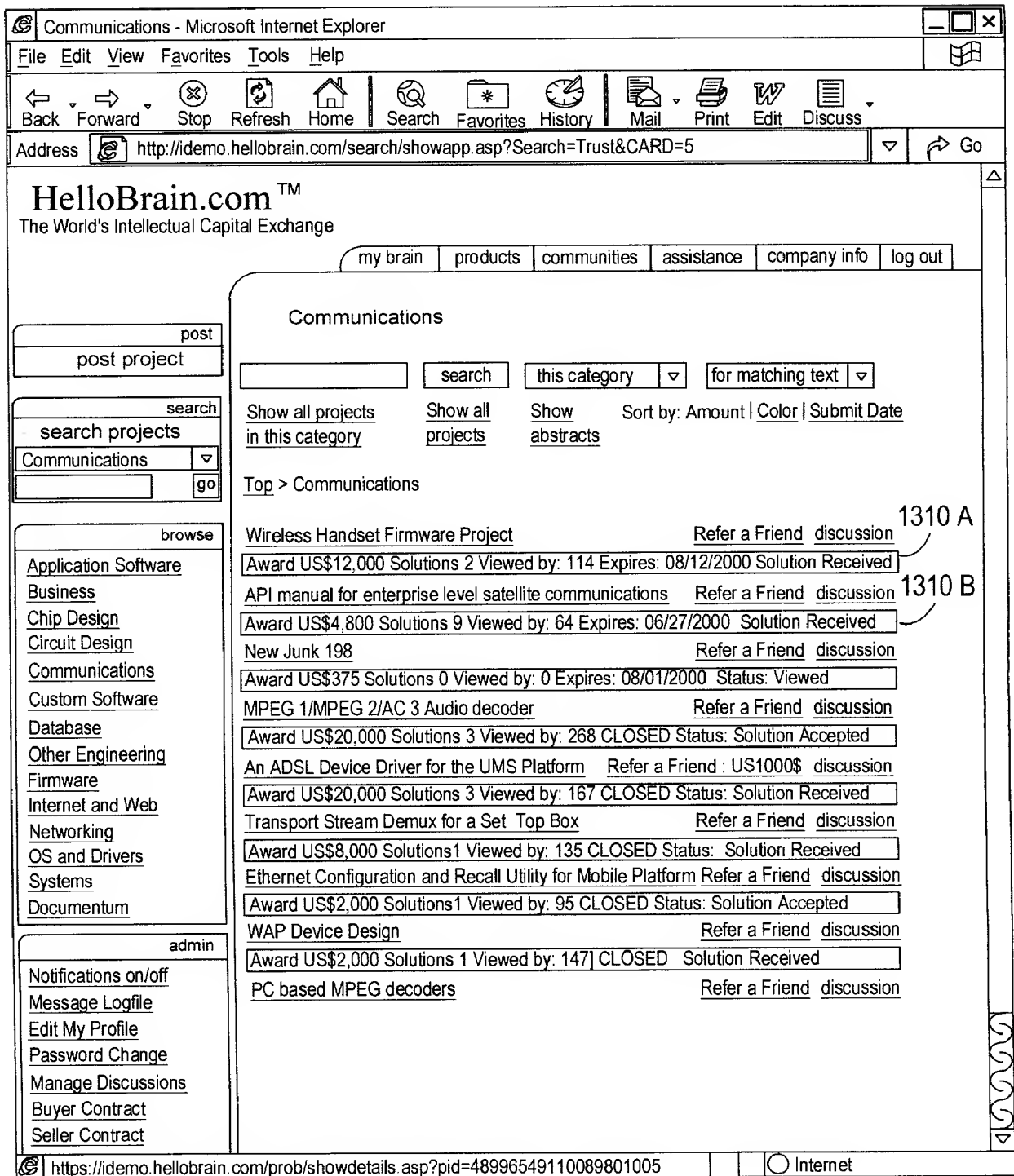


Fig. 13A

"CAPTURING INTELLECTUAL CAPITAL VIA DIGITAL COLLABORATION"

Inventors: Bharat Sastri, Charles Kuta, Joseph Tung

Application #: 09/964,230

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The screenshot shows a Microsoft Internet Explorer window titled "Project Details - Microsoft Internet Explorer". The address bar displays "https://demo.hellobrain.com/prob/showdetails.asp?pid-22902664010066964003". The website header for "HelloBrain.com" includes the tagline "The World's Intellectual Capital Exchange" and navigation links: "my brain", "products", "communities", "assistance", "company info", and "log out".

The main content area is titled "project details" and features four tabs: "Discussion", "Submit Solution", "Credentials", and "Refer a Friend". The "Submit Solution" tab is active, displaying the following information:

- Title:** Wireless Handset Firmware Project
- Summary:** Firmware Development for Wireless Handset
- Keywords:** Wireless, GSM, CDMA, Firmware, TDMA
- Categories:** Systems and Subsystems > Handhelds  
Communications > Wireless  
Firmware

A table lists project details:

|                               |  |
|-------------------------------|--|
| <u>Project Type</u>           | Solution                                 |
| <u>Solution Award</u>         | US\$ 12,000                              |
| <u>Submitted Date</u>         | Thursday, April 13, 2000                 |
| <u>Expiration Date</u>        | Monday, June 12, 2000                    |
| <u>Status</u>                 | Solutions Received                       |
| <u>Ownership</u>              | Client                                   |
| <u>Acceptance Criteria</u>    | Client Discretion                        |
| <u>Contributor Support</u>    | Required                                 |
| <u>Solution Viewing Rules</u> | Client Will Accept Best Passing Solution |

Summary statistics: Solutions Received 2, Page Hits 808, Solutions Accepted 0.

**Project Description**  
Develop a limited functionality application layer in C. The code should work with the existing protocol stack. More details will be provided following an NDA.

Please use Discussion area for questions or comments

The left sidebar contains navigation links under "post", "search", "browse", and "admin". The "browse" section lists categories: Application Software, Business, Chip Design, Circuit Design, Communications, Custom Software, Database, Other Engineering, Firmware, Internet and Web, Networking, OS and Drivers, Systems, and Documentum.

The status bar at the bottom shows "Done" and "Internet".

1350

Fig. 13B

"CAPTURING INTELLECTUAL CAPITAL VIA DIGITAL COLLABORATION"

Inventors: Bharat Sastri, Charles Kuta, Joseph Tung

Application #: 09/964,230

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Solution Submittal - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss

Address <https://idemo.hellobrain.com/soln/entersoln.asp?pid=22902664010066964003> Go

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my brain products communities assistance company info log out

solution submittal 2000:6:9:16:55 HBT

post  
post project

search  
search projects  
All Categories go

browse  
Application Software  
Business  
Chip Design  
Circuit Design  
Communications  
Custom Software  
Database  
Other Engineering  
Firmware  
Internet and Web  
Networking  
OS and Drivers  
Systems  
Documentum

admin  
Notifications on/off  
Message Logfile  
Edit My Profile  
Password Change  
Manage Discussions  
Buyer Contract  
Seller Contract

Discussion Submit Solution Credentials Refer a Friend

Title: Wireless Handset Firmware Project 1410

Enter Solution Details:

Describe the Solution: (7500 character limit)  
1420

Issues: (7500 character limit)  
1430

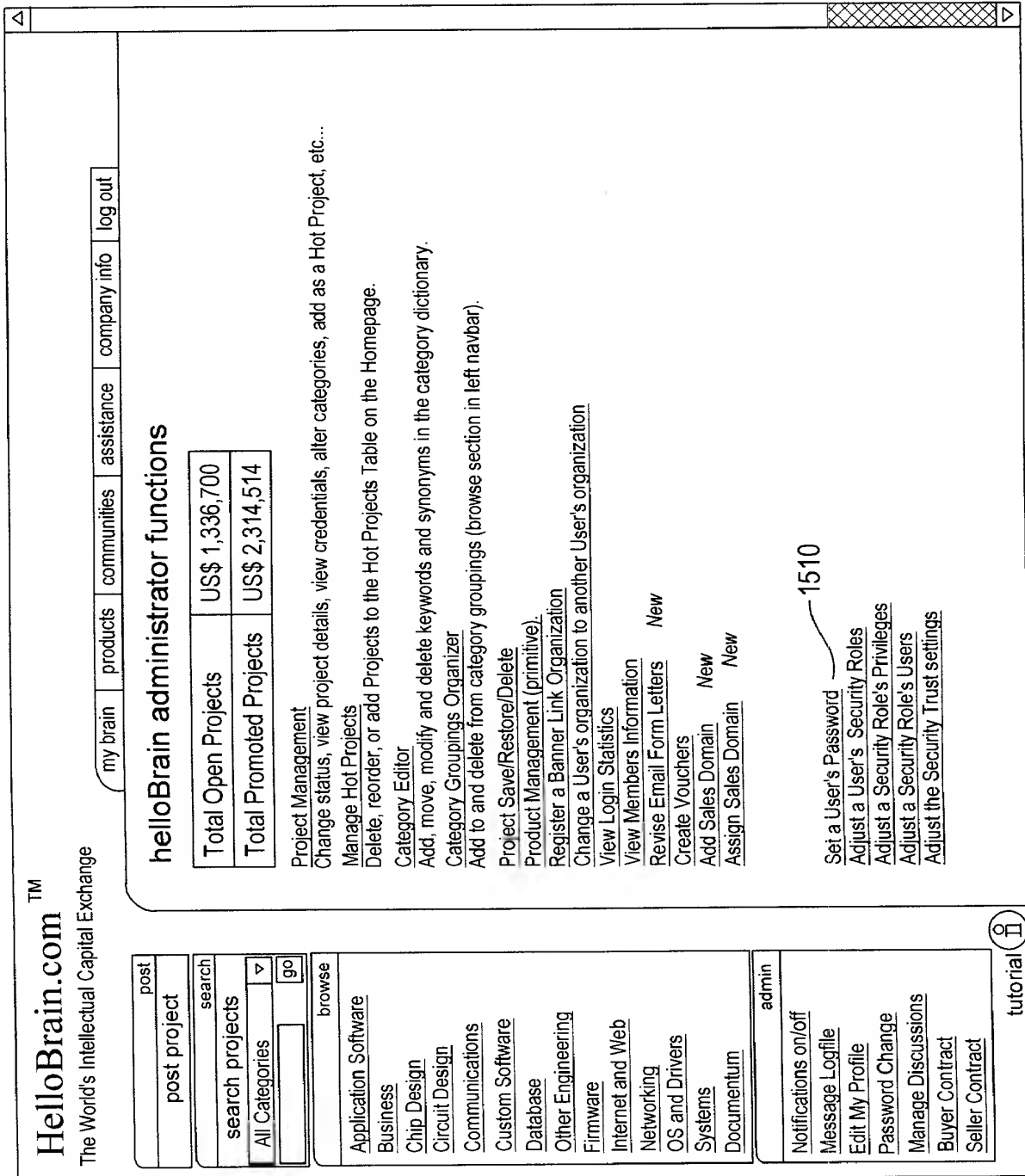
File attachment (optional):  
1440 Attach Solution

Submit Solution 1450 Reset Fields 1460

Done Internet

1400

Fig. 14



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The World's Intellectual Capital Exchange

my brain | products | communities | assistance | company info | log out

### set user password

This page allows an administrator to alter the password of any user (with the exception of another administrator)

Enter the user's username, email address, and the new password. Then type the password again and submit the form. The changes will take effect immediately.

Email Address:

Username:

New Password:

Confirm Password:

home | mybrain | products | communities | company info | site map | hb admin

1600

Fig. 16

Fig. 17A

post

post project

search projects

All Categories

go

browse

Application Software

Business

Chip Design

Circuit Design

Communications

Custom Software

Database

Other Engineering

Firmware

Internet and Web

Networking

OS and Drivers

Systems

Documentum

admin

Notifications on/off

Message Logfile

Edit My Profile

Password Change

Manage Discussions

Buyer Contract

Seller Contract

tutorial

my brain

products

communities

assistance

company info

log out

select contact

Enter Contact's Information

Enter full or partial information into one or more fields

Username

jim

Email

First Name

Last Name

Search

1710

Results

Jim Neubeck - Jim - jimneubeck@cctrap.com

Organization Name: Jim Neubeck

1730 A

Jim Song - Jim Song - jimsong@hotmail.com

Organization Name: Jim Song

1730 B

Jim Allyn - jimallyn - jimallyn@aol.com

Organization Name: Allyn Electronics

1720

Jim Belcher - jimbelcher - jimbelcher@nexgenix.com

Organization Name: Jim Belcher

James Wood - jimewood - jimewood@dacafe.com

Organization Name: James Wood

1700

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my brain

products

communities

assistance

company info

log out

adjust contact roles

Contact

Name: Jim Neubeck

Username: Jim

Email: jimneubeck@cctrap.com

Marketplaces

HelloBrain.com PublicMarketplace

Roles

1770 A

☐ Browser

☐ Buyer

☐ Editor

☐ HelloBrain Administrator

☐ Mediator

☐ Marketplace Administrator

☐ Sales Representative

☒ Seller

☐ Voucher Administrator

☐ Voucher Agent

☐ Voucher Distributor

☐ Voucher Manager

1770 B

☐ Commit Changes

1790

Display another Contact

1780

1795

Fig. 17B

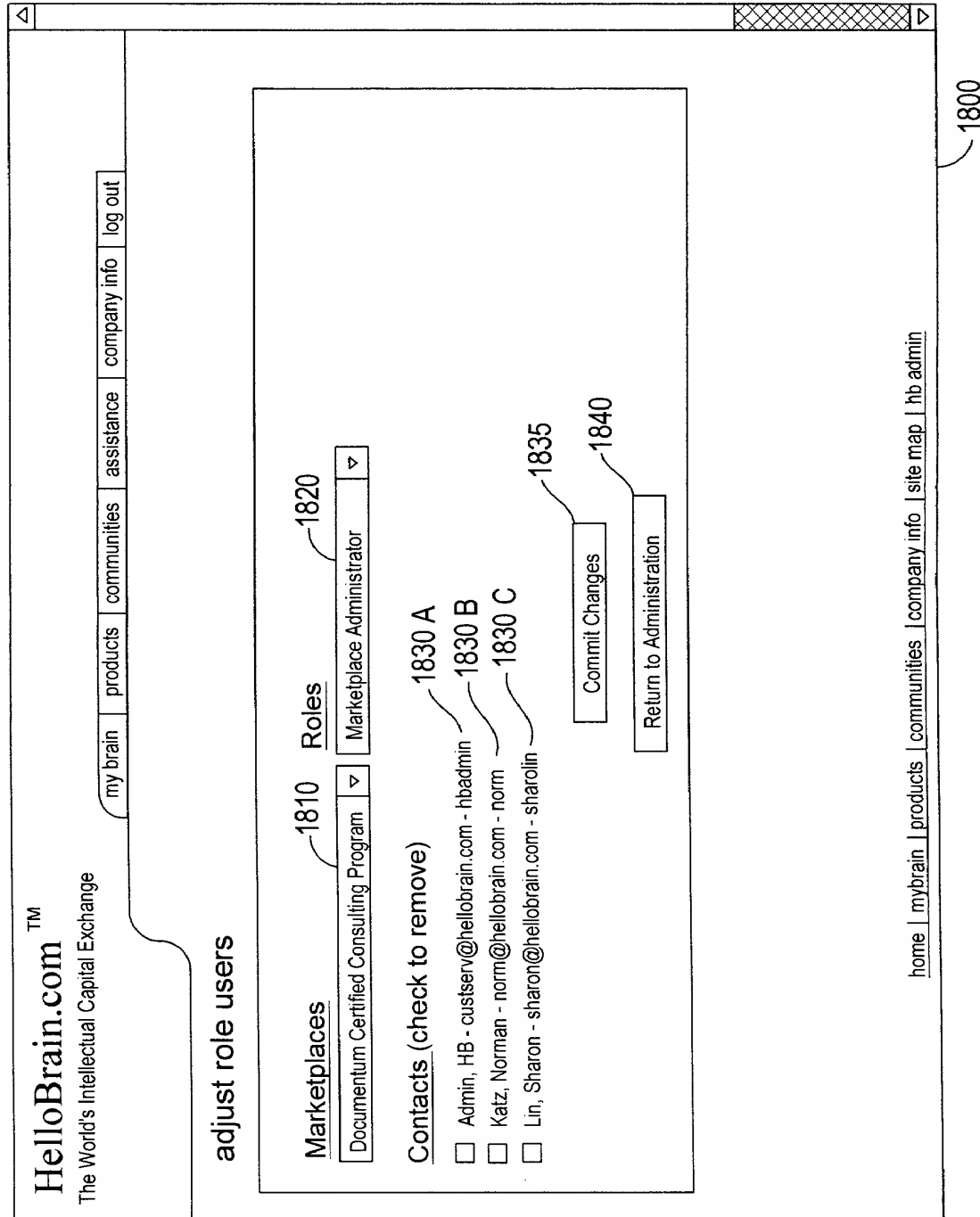


Fig. 18A



# HelloBrain.com™

The World's Intellectual Capital Exchange

my brain | products | communities | assistance | company info | log out

---

## adjust role privileges

**Marketplaces:**

HelloBrain.com Public Marketplace ▾

1860

**Note:**

- ◆ Privileges highlighted with color are available to all roles implicitly, because they are granted to the VISITOR role.
- ◆ Hover over privilege/role names to view detailed descriptions.

| Roles >>><br>Privileges VVV | BROWSER                             | BUYER                               | EDITOR                              | HBADMIN                             | MEDIATOR                            | IMPLACE                             | ADMINS                              | SALESREP                            | SELLER                              | VISITOR                             | VOUCHER                             | ADMIN/VOUC                          |
|-----------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| DISCUSSION_PRIVATE          | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| DISCUSSION_PUBLIC           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| IMPLACE_VIEW_HOME           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| IMPLACE_VIEW_REPORTS        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| PROJECT_POST                | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| PROJECT_REFER               | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| PROJECT_SEARCH              | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| PROJECT_VIEW_DETAIL         | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| PROJECT_VIEW_SUMMARY        | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| SOLUTION_POST               | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| VOUCHER_ASSIGN_QTY          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| VOUCHER_CREATE              | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| VOUCHER_CREATE_ADMIN        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| VOUCHER_CREATE_AGENT        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| VOUCHER_CREATE_SALESREP     | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |

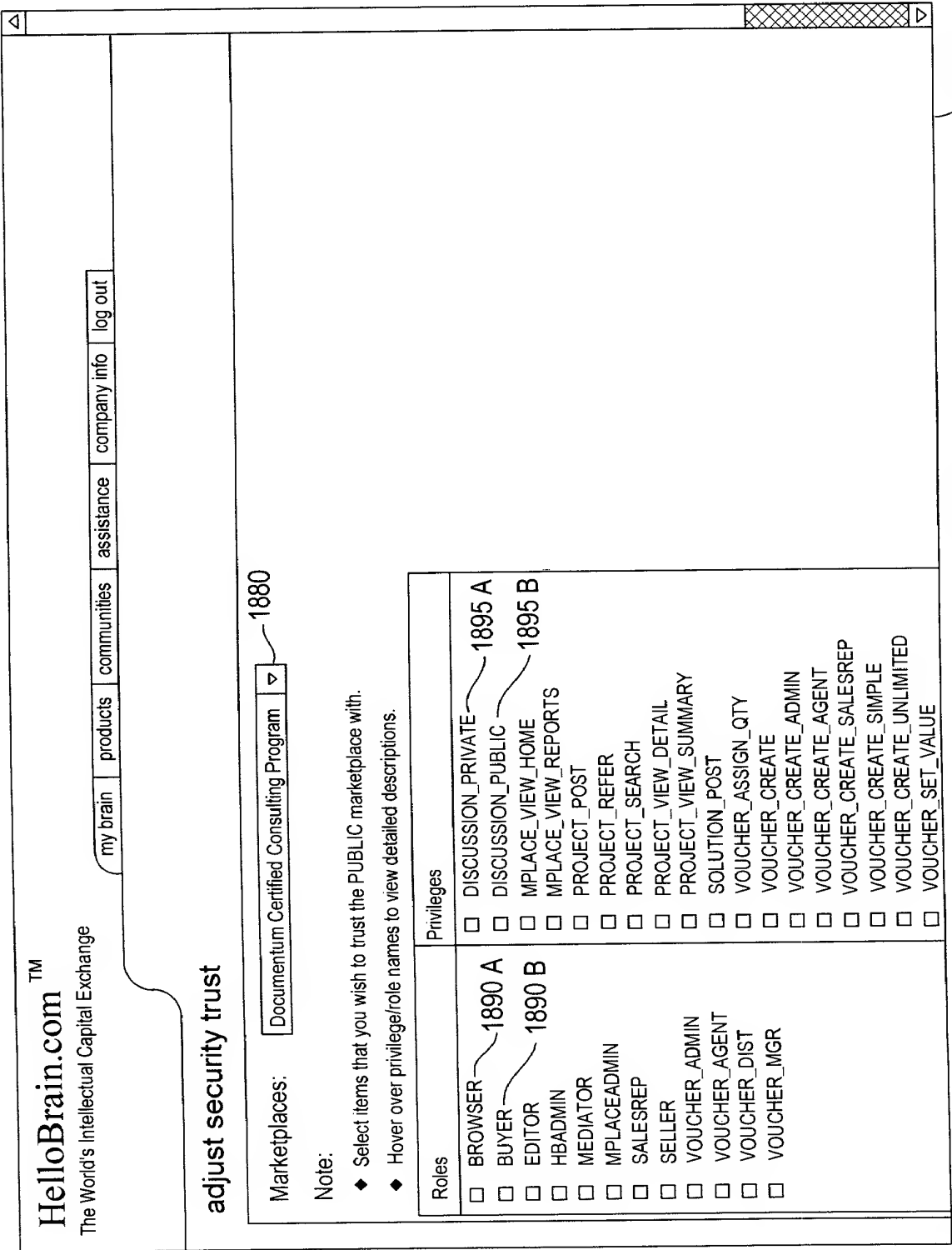
1870 C

1870 B

Fig. 10D

1850

**Fig. 18B**



1875

Fig. 18C

27/28

The screenshot displays a web browser window with the address bar showing "http://www.hellobrain.com". The website header includes the "HelloBrain.com" logo and the tagline "The World's Intellectual Capital Exchange". A navigation menu at the top contains links for "my brain", "products", "communities", "assistance", "company info", and "log out". The main content area is titled "private exchange - enter token" and contains the following text: "In order to visit this page, you must enter a token that was provided by the Documentum Certified Consulting Program." followed by "Once you have entered your token, it will be stored in your profile on our server. You will not need to provide the token again." Below this is a form with a text input field labeled "1910" and a "Submit" button labeled "1920". A note states: "Or, if you do not yet have a token -- Find out how to get certified and receive a token by visiting the Documentum Certified Consulting Program." The footer of the page includes "Copyright © 2000 HelloBrain.com Version 2.3.0." and a status bar at the bottom right showing "Login: test cn2" and "Exchange: DOCUMENTUM".

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Fig. 19

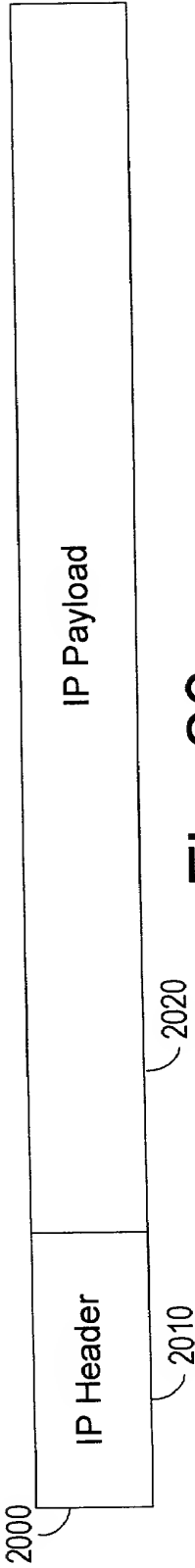


Fig. 20

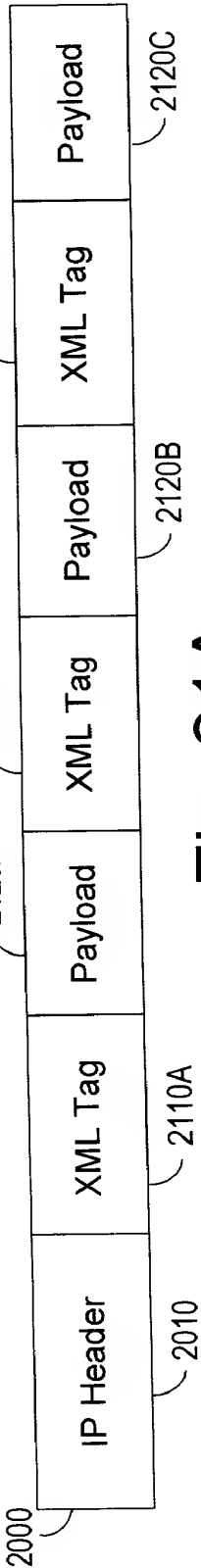


Fig. 21A

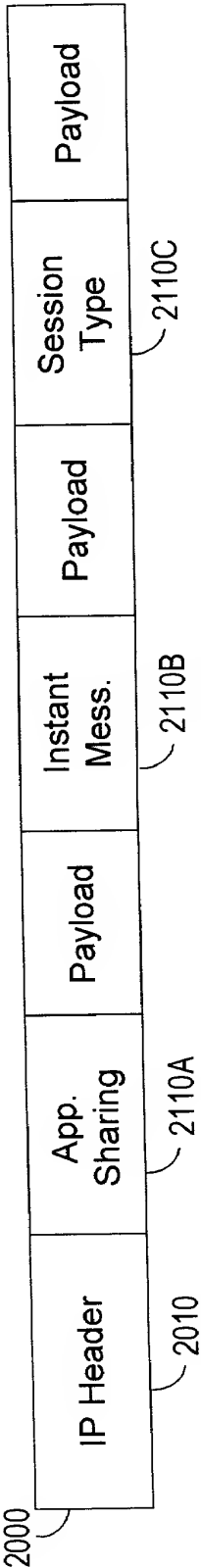


Fig. 21B

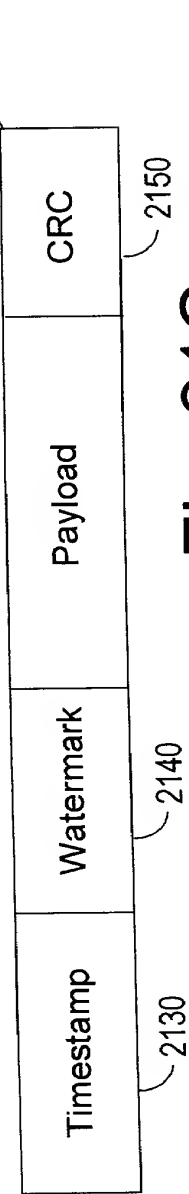


Fig. 21C